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**(54) PREVENTION OF PEELING AND DIMENSIONAL STABILIZATION METHOD FOR BARK**

**(57) Abstract**

**PURPOSE:** To perform dimensional stability and prevention of peeling of bark by treating lumber with bark with a treatment solution comprised of polyethylene glycol methacrylate and alcohol.

**CONSTITUTION:** Lumber with bark is treated with a treatment solution containing polyethylene glycol methacrylate and alcohol. Although the polyethylene

glycol methacrylate is used ordinarily by itself, a small quantity of polyethylene glycol may be used jointly to make infiltration into the lumber easy. Methanol is preferable as using alcohol from the viewpoint of compatibility with water. A mixture ratio of the polyethylene glycol methacrylate and alcohol is selected normally out of a sphere at capacity ratio of the polyethylene glycol methacrylate:alcohol=1-10:10-1 and 1:1 is preferable especially.

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XP - N1990-062481  
AB - J02036904 Prevention of the peeling of wood bark and dimensional  
stabilisation of the wood involves treating a bark-having wood  
material with a treating soln. contg. polyethyleneglycolmethacrylate  
and an alcohol.  
- USE/ADVANTAGE - For logs, etc. to be used in craft work, etc. The  
treating soln. can be easily impregnated into wood material to be  
substd. for the water in the bark tissue. Stabilizing the tissue,  
prevents peeling of the bark. The soln. is effective in controlling  
the emission of water from the wood material to prevent the shrinking  
and twisting of the wood material.  
IW - PREVENT PEEL WOOD BARK DIMENSION STABILISED TREAT BARK SOLUTION  
CONTAIN POLYETHYLENE GLYCOL METHACRYLATE ALCOHOL  
IKW - PREVENT PEEL WOOD BARK DIMENSION STABILISED TREAT BARK SOLUTION  
CONTAIN POLYETHYLENE GLYCOL METHACRYLATE ALCOHOL  
NC - 001  
OPD - 1988-07-27  
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PAW - (NOUZ-I) NOUZAWA I  
TI - Preventing peeling of wood bark and dimensional stabilisation - by  
treating bark with soln. contg. polyethylene-glycol-methacrylate with  
alcohol